

**AMENDMENTS TO THE ABSTRACT**

A method and a system for controlling a reverse link rate ~~in a CDMA mobile communication system is provided. A method for controlling a reverse link rate~~ by using the number of active users who are carrying out communication in a CDMA 1xEV-DO mobile communication system is disclosed, ~~comprising the steps of: (a) measuring a~~ A value of rise-over-thermal (ROT) at each antenna end of a wireless base station is measured and compared ~~to obtain a measured ROT value; (b) comparing the measured ROT value with a threshold ROT which defines an allowable limit of the ROT. A;~~ (c) setting a reverse activation control bit is set as 0 ~~to be transmitted to a mobile terminal if the comparison result in step (b) reveals that the measured ROT value is smaller than or equal to the threshold ROT;~~ (d) comparing the ~~The number of the active users is compared~~ with a threshold user number which defines an allowable limit of the active users ~~if the comparison result in step (b) reveals that the measured ROT value is greater than the threshold ROT;~~ (e) setting the ~~The reverse activation control bit is set~~ as 0 ~~to be transmitted to the mobile terminal if the comparison result in step (d) reveals that the number of the active users is smaller than or equal to the threshold user number;~~ and (f) setting the ~~The~~ reverse activation control bit is set as 1 ~~to be transmitted to the mobile terminal if the comparison result in step (d) reveals that the number of the active users is greater than the threshold user number.~~